FIG. 1

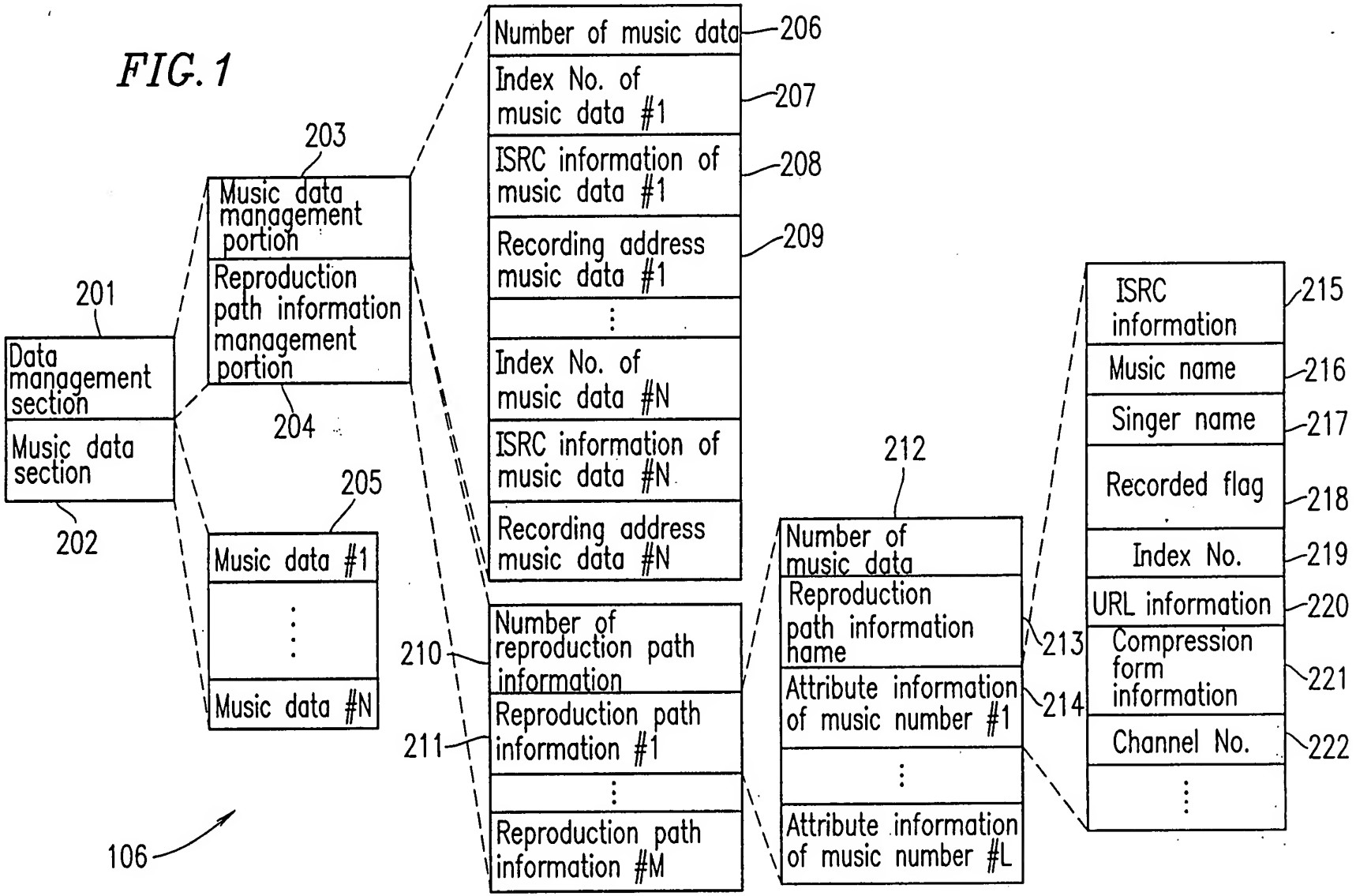
201
Data management section
Music data section
202
203
Music data management portion
Reproduction path information management portion
204
205
Music data #1
Music data #N
106
Number of music data
206
Index No. of music data #1
207
ISRC information of music data #1
208
Recording address music data #1
209
Index No. of music data #N
ISRC information of music data #N
Recording address music data #N
210
Number of reproduction path information
211
Reproduction path information #1
Reproduction path information #M
212
Number of music data
Reproduction path information name
213
Attribute information of music number #1
214
Attribute information of music number #L
ISRC information
215
Music name
216
Singer name
217
Recorded flag
218
Index No.
219
URL information
220
Compression form information
221
Channel No.
222

FIG. 2

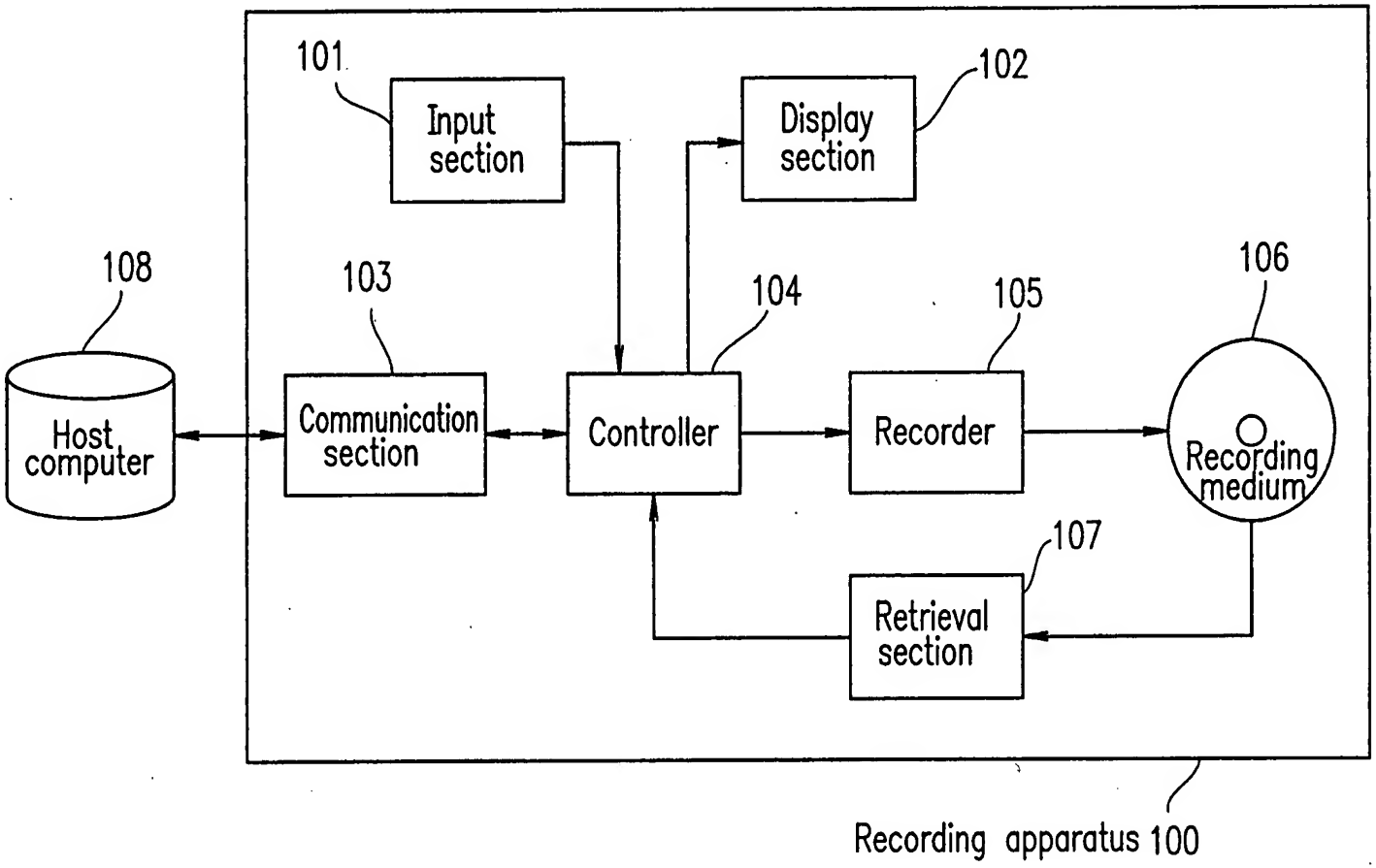
101
Input section
102
Display section
108
Host computer
103
Communication section
104
Controller
105
Recorder
106
Recording medium
107
Retrieval section
Recording apparatus 100

FIG. 3

301 Title name	302 Genre	303 Recording time
Title 1	Pops	64 min.43 sec.
Title 2	Pops	70 min.39 sec.
Title 3	BGM	36 min.22 sec.
Title 4	Folk song	48 min.07 sec.

FIG. 4

401 Music name	402 Singer name	403 Recording time	404 URL information
Song1	SingerA	4 min. 20 sec.	www.song.001
Song2	SingerB	3 min. 53 sec.	www.song.002
Song3	SingerC	4 min. 48 sec.	www.song.003
Song4	SingerD	4 min. 06 sec.	www.song.004
⋮	⋮	⋮	⋮

FIG. 5

501 Music name	502 Singer name	503 Recorded flag	504 URL information
Song1	SingerA	Yes	www.song.001
Song2	SingerB	Yes	www.song.002
Song3	SingerC	Yes	www.song.003
Song4	SingerD	No	www.song.004
⋮	⋮	⋮	⋮

FIG. 6

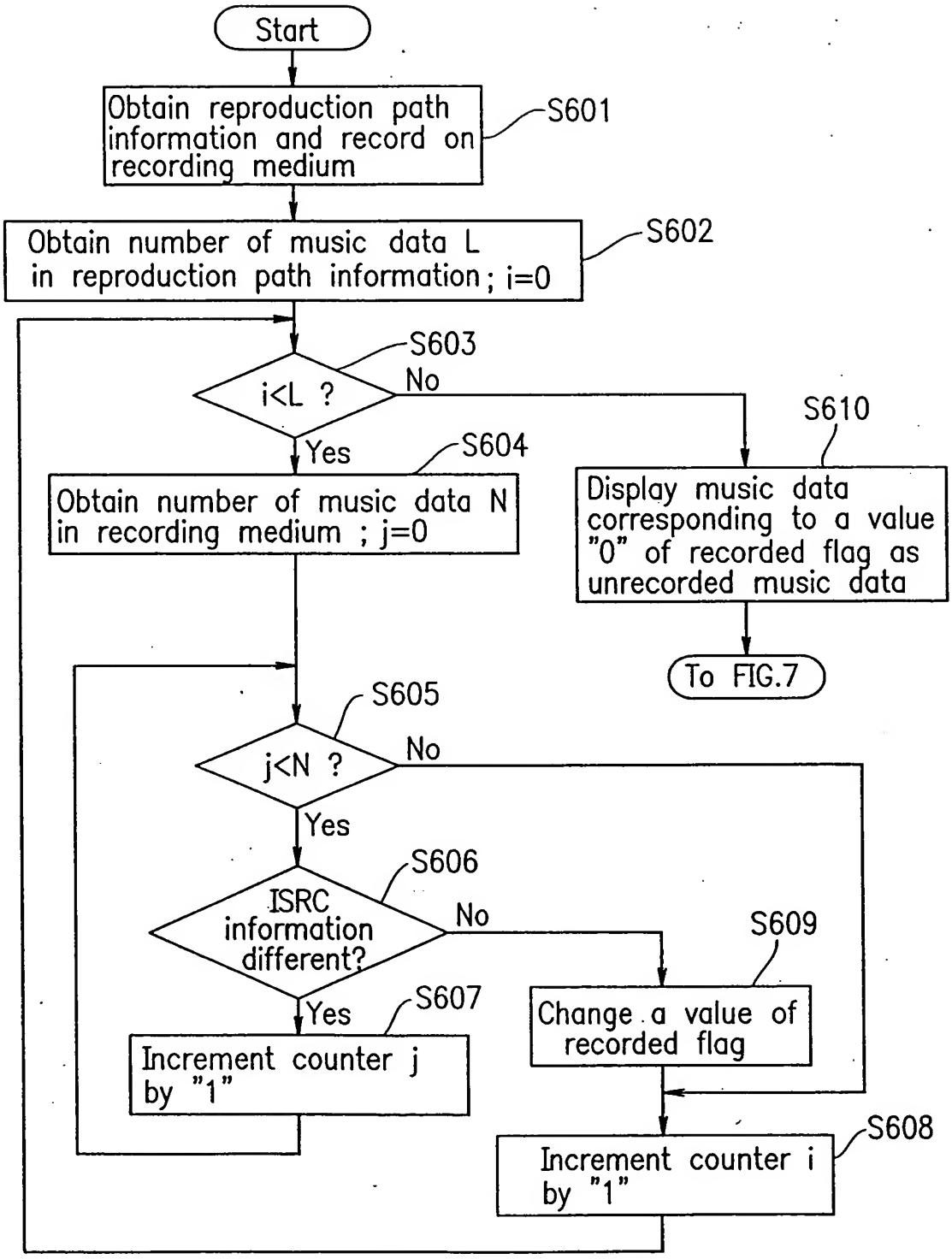
Start
Obtain reproduction path information and record on recording medium
S601
Obtain number of music data L in reproduction path information; i=0
S602
S603
i<L ?
No
Yes
S610
S604
Obtain number of music data N in recording medium ; j=0
Display music data corresponding to a value "0" of recorded flag as unrecorded music data
To FIG.7
S605
j<N ?
No
Yes
S606
ISRC information different?
No
S609
Yes
S607
Change a value of recorded flag
Increment counter j by "1"
S608
Increment counter i by "1"

FIG. 7

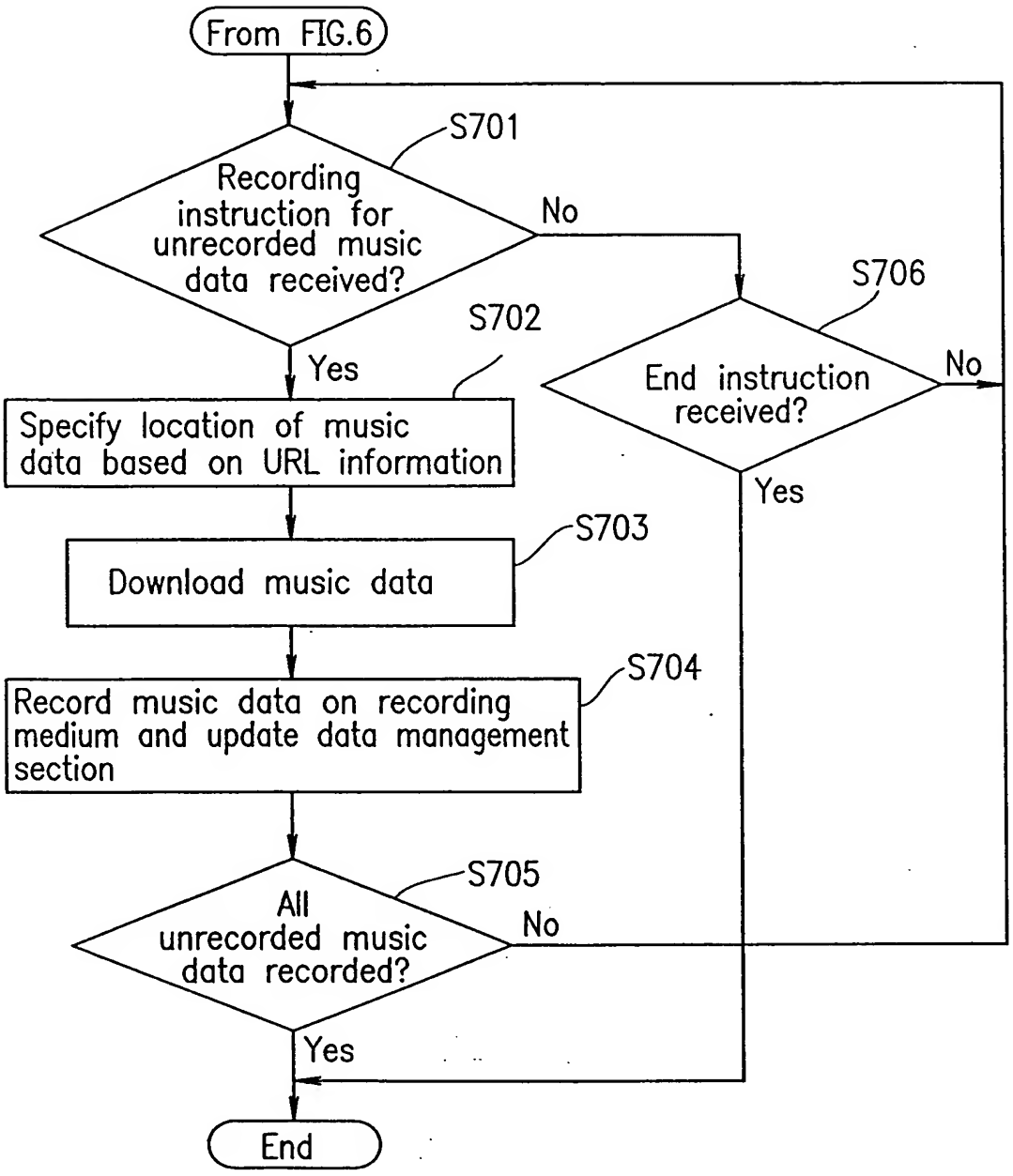
From FIG.6
S701
Recording instruction for unrecorded music data received?
No
Yes
S706
End instruction received?
No
Yes
S702
Specify location of music data based on URL information
S703
Download music data
S704
Record music data on recording medium and update data management section
S705
All unrecorded music data recorded?
No
Yes
End

FIG. 8

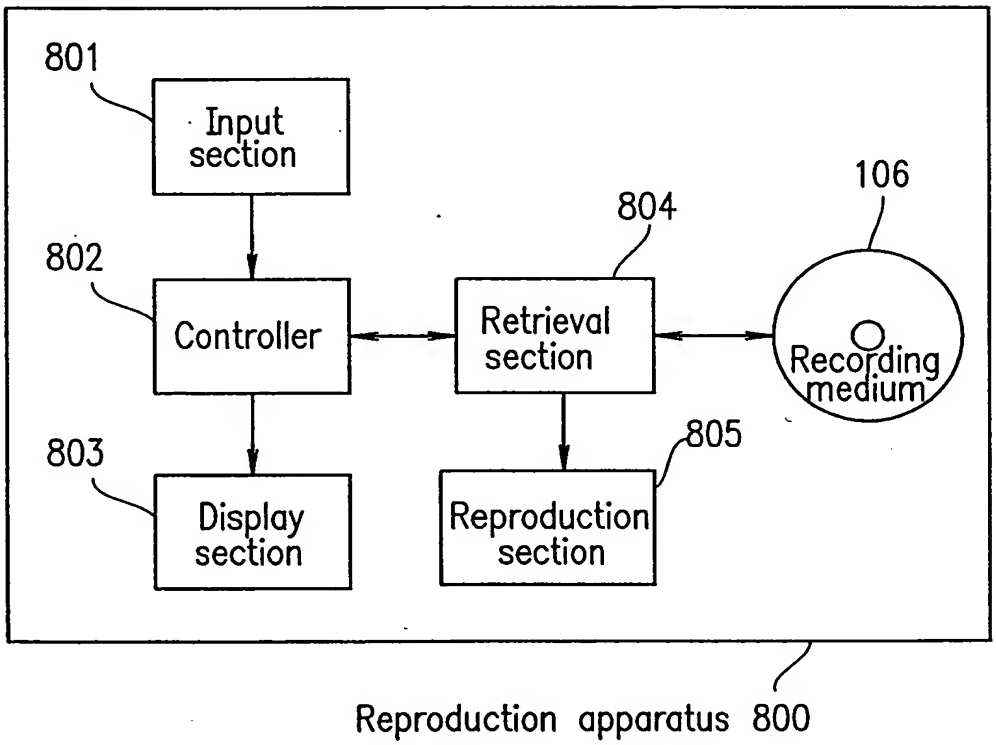
801
Input section
802
Controller
803
Display section
804
Retrieval section
805
Reproduction section
106
Recording medium
Reproduction apparatus 800

FIG. 9

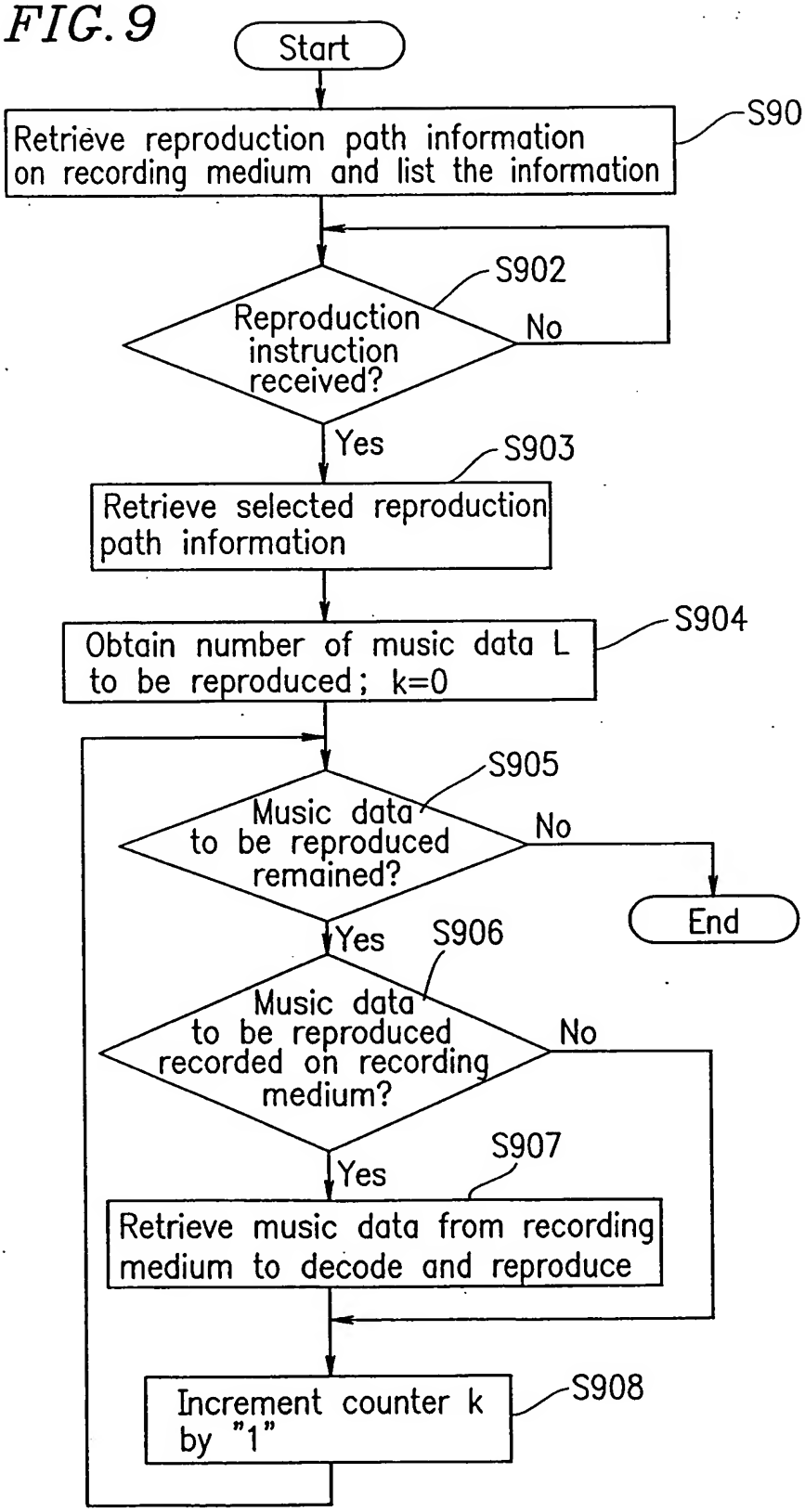
Start
Retrieve reproduction path information on recording medium and list the information
S901
Reproduction instruction received?
S902
No
Yes
Retrieve selected reproduction path information
S903
Obtain number of music data L to be reproduced; k=0
S904
Music data to be reproduced remained?
S905
No
End
Yes
Music data to be reproduced recorded on recording medium?
S906
No
Yes
Retrieve music data from recording medium to decode and reproduce
S907
Increment counter k by "1"
S908

FIG. 10

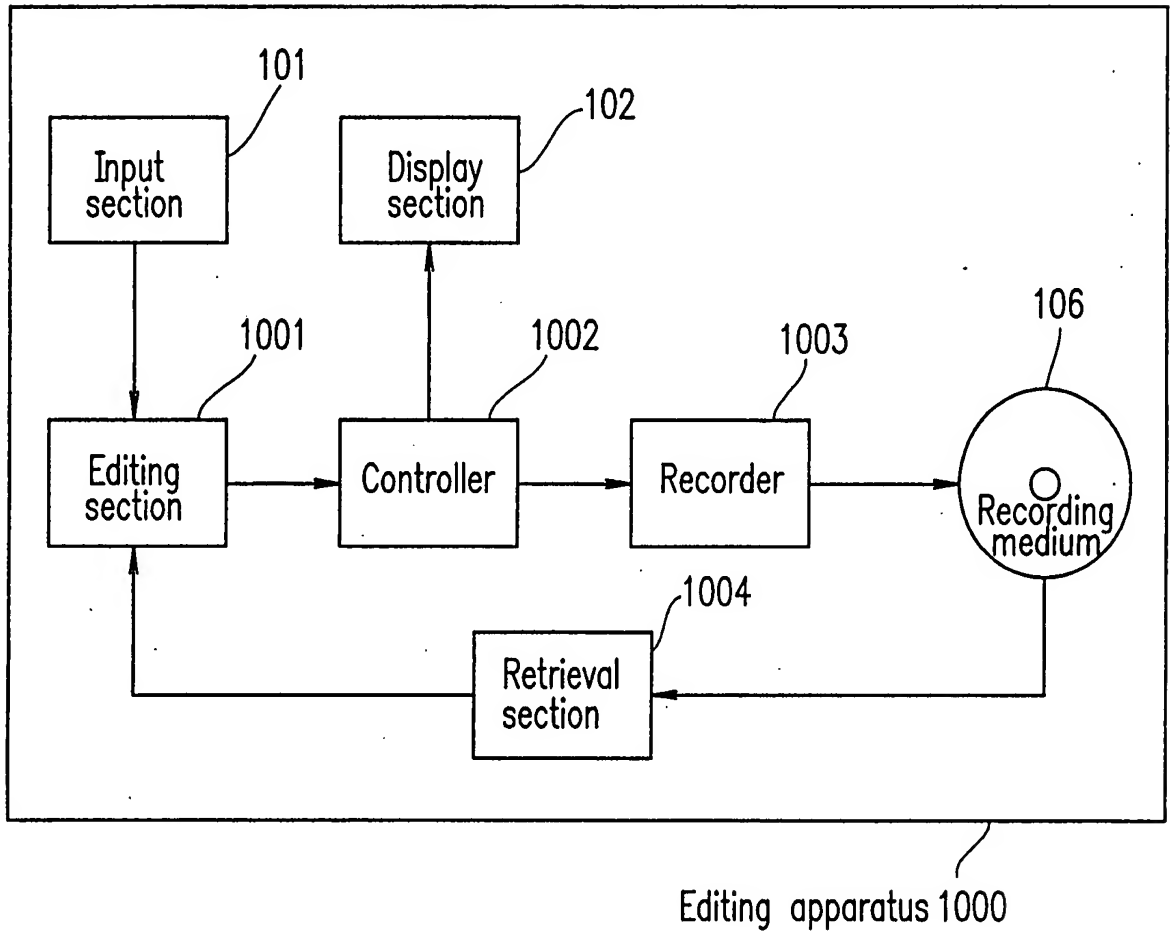
101
Input section
102
Display section
1001
1002
1003
106
Editing section
Controller
Recorder
Recording medium
1004
Retrieval section
Editing apparatus 1000

FIG. 11A

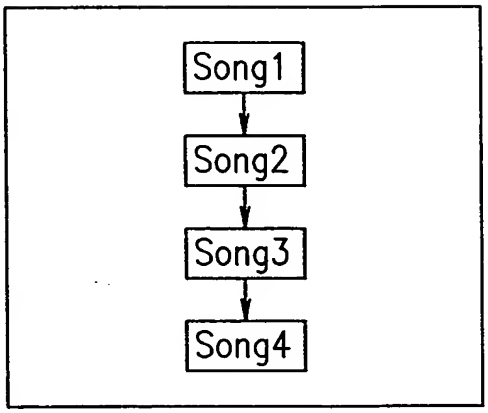

FIG. 11B

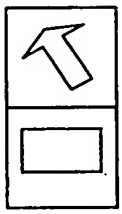

FIG. 11C

Music name	Recorded flag
Song1	YES
Song2	YES
Song3	YES
Song4	YES
Song5	NO